

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6672174").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/09/13 08:07
S2	6	("4207444" "4317013" "5016481" "5844287" "6049327" "6497430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:25
S3	920	427/79,80.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:25
S4	1226	29/592.1,595.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:31
S5	328	73/862.046,862.042,862.41,862. 45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:31
S6	8	S5 and (sensor adj array) and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:47
S7	1	S4 and (sensor adj array) and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:35
S8	0	S6 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:32
S9	9	S6 or S7	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:32
S10	2	S9 and @ad<"20010723"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:49

S11	49	("4547898" "4559422" "4570139" "4577345" "4582985" "4681403" "4684770" "4758698" "4904832" "4965415" "5017747" "5113046" "5121089" "5212473" "5262000" "5309006" "5367136" "5374792" "5400662" "5429006" "5446251" "5453590" "5467068" "5475353" "5489556" "5503029" "5515738" "5526701" "5531018" "5554964" "5558210" "5623552" "5637904" "5638946" "5652559" "5778513" "5810604" "5821596" "5828268" "5844287" "5864296" "5905241" "5940525" "5946176" "5994796" "6020564" "6034339" "6037719" "6067368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:33
S12	1	S11 and (sensor adj array) and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:36
S13	3320	(sensor adj array) and (integrated adj circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:01
S14	27	(sens\$3 adj device) and image and singal	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:44
S15	0	S5 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:40
S16	207317	S4 ans S14	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:40
S17	0	S4 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:40
S18	2	S14 and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:40
S19	833	(sensor adj array) and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:04
S20	3	(integrated adj circuit) and image and (singal near process\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:45

S21	351	(sensor adj array) and fingerprint and (integrated adj circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:45
S22	1315	(sensor adj array) same cell	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:47
S23	86	S21 and S22	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:48
S24	168	image near (textur\$3 near surface)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:49
S25	13529	image near ((textur\$3 near surface) or (fingerprint enar feature))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:49
S26	52	S23 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:49
S27	23	S26 and @ad<"20010723"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S28	3	passive adj sensing adj cell	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 09:59
S29	305	(sensor adj array) with ((interconnect adj structure) or (contact adj pad) or conductor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:00
S30	37	(sensor adj array) near ((interconnect adj structure) or (contact adj pad) or conductor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:03
S31	28	S30 and (integrated adj circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S32	15	S22 and S31	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:01
S33	3	S32 and @ad<"20010723"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:01
S34	2675	(integrated adj circuit) near ((interconnect adj structure) or (contact adj pad) or conductor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:03
S35	590	(integrated adj circuit) near (interconnect adj structure)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:04
S36	0	S19 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:04

S37	1	S35 and (sensor adj array)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:05
S38	0	S35 and fingerprint	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:04
S39	0	S29 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:07
S40	0	(sensor adj array) same cell same (texture near surface) same signal	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:08
S41	3	(sensor adj array) same cell same (texture\$1 near surface) same signal	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S42	18	(sensor adj array) same cell same (fingerprint) same signal	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S43	11	S42 and (integrated adj circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S44	6	S43 and @ad<"20010723"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/06 10:09
S45	8	(US-20020067344-\$ or US-20020053857-\$ or US-20010025532-\$).did. or (US-5844287-\$ or US-6578436-\$ or US-6720712-\$ or US-6686546-\$ or US-6535824-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/06 10:12
S46	2	S10 and (sensor adj array) and fingerprint	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:24
S47	2	("4577345").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/09/06 10:17
S48	52	("4577345").URPN.	USPAT	OR	ON	2005/09/06 10:17
S49	1	(US-5844287-\$).did.	USPAT	OR	ON	2005/09/06 11:19
S50	0	S49 and passive	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:20
S51	1	passive adj sensing adj cell	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:22
S52	1361	passive adj sens\$3	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:22

S53	20	passive adj sens\$3 adj (cell or array)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:23
S54	20	S53 and (sensor adj array)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:25
S55	36	(sensor adj array) with circuit with cable	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:43
S56	0	(sensor adj array) near circuit near cable	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:26
S57	28	(sensor adj array) with connect\$3 with (integrated adj circuit)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:44
S58	0	(sensor adj array) near connect\$3 near (integrated adj circuit)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:44
S59	25	(sensor adj array) near connect\$3 near (circuit\$3)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:46
S60	0	(sensor adj array) near connect\$3 near (circuit\$3) near (conductive adj pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:45
S61	10569	(sensor adj array) near connect\$3 near (circuit\$3) wiht (conductive adj pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:45
S62	0	(sensor adj array) near connect\$3 near (circuit\$3) with (conductive adj pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:45
S63	0	(sensor adj array) near connect\$3 near (circuit\$3) with (conductive)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:46
S64	0	(sensor adj array) near connect\$3 near (circuit\$3) with (pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/06 11:46
S65	192	428/50,51.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:08
S66	0	S65 and fingerprint	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:04
S67	0	S65 and (sensor adj array)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:09
S68	2	S65 and sensor	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:08

S69	23	detect\$3 near (texture near surface)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:09
S70	1	S69 and (sensor adj array)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:09
S71	1481	detect\$3 near (fingerprint)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:14
S72	73	S71 and (sensor adj array)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:10
S73	4	S72 and ((sensor adj array) near cell)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:17
S74	4	("5225959" "6448790" "6681033" "6795049").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 11:11
S75	0	(method or process) near (making or fabricat\$3 or produc\$3 or form\$3) near (apparatus or device or system) with (detect\$3 near (fingerprint))	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:15
S76	0	(method or process) near (mak\$3 or fabricat\$3 or produc\$3 or form\$3) near (apparatus or device or system) same (detect\$3 near (fingerprint))	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:16
S77	40	(method or process) same (mak\$3 or fabricat\$3 or produc\$3 or form\$3) same (apparatus or device or system) same (detect\$3 near (fingerprint))	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:16
S78	47	(method or process) same (mak\$3 or fabricat\$3 or manufactur\$3 or produc\$3 or form\$3) same (apparatus or device or system) same (detect\$3 near (fingerprint))	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:17
S79	2	S78 and ((sensor adj array) same cell)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:38
S80	11223	sensor with connect\$3 with (trac\$3 or wir\$3 or conduct\$3 or electr\$3) with circuit	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:24
S81	48	(sensor adj array) with (wafer or substrate or base) with cell	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:24
S82	5	S80 and S81	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:37

S83	330	(sensor adj array) with connect\$3 with circuit	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:38
S84	22	(sensor adj array) near connect\$3 near circuit	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:38
S85	8	S84 and ((sensor adj array) same cell)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 11:38
S86	6	("4207444" "4317013" "5016481" "5844287" "6049327" "6497430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 14:51
S87	17	(US-20010025532-\$ or US-20020053857-\$ or US-20020067344-\$).did. or (US-4577345-\$ or US-5844287-\$ or US-5963679-\$ or US-6456748-\$ or US-6535824-\$ or US-6578436-\$ or US-6631219-\$ or US-6686546-\$ or US-6720712-\$ or US-6681033-\$ or US-6668230-\$ or US-6473122-\$ or US-6380880-\$ or US-5883830-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/12 15:00
S88	28414	power near cable	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:01
S89	1613	transmit\$4 near signal near cable	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:01
S90	78	S88 and S89	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:08
S91	0	S87 and S90	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:03
S92	0	S87 and S88	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:03
S93	0	S90 and (sensor adj array)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:13
S94	23	S90 and sensor	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:13
S95	0	S90 and fingerprint	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:13
S96	20	passive adj sens\$3 adj (cell or array)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:23

S97	2	("6578436").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/09/12 15:22
S98	0	S97 and (passive adj sens\$3)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:23
S99	0	S97 and (passive adj sensing)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:25
S10 0	4	solder\$3 near (contact adj pad) near cable	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:27
S10 1	61	solder\$3 with (contact adj pad) with cable	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:27
S10 2	3	solder\$3 with (contact adj pad) with (cable near pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/12 15:27
S10 3	57	(electrical adj component) with pcb with pad	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:35
S10 4	1	((electrical adj component) near pad) with (pcb near pad)	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:36
S10 5	1	((electrical adj component) near (pad or bump)) with (pcb near (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:37
S10 6	3	((electrical adj component) near (pad or bump)) with ((circuit adj board) near (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:43
S10 7	3	((electrical adj component) near (pad or bump)) same ((circuit adj board) near (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:38
S10 8	333	((electrical adj component) with (pad or bump)) same ((circuit adj board) with (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:38
S10 9	0	((electrical adj component) with (pad or bump)) near ((circuit adj board) with (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:38
S11 0	48	(component near (pad or bump)) with ((circuit adj board) near (pad or bump))	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:46
S11 1	2514	29/831,832.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:46
S11 2	10	S108 and S111	USPAT; JPO; DERWENT	OR	ON	2005/09/13 07:46

S11 3	1	(US-6672174-\$.did.	USPAT	OR	ON	2005/09/13 08:07
S11 4	1	S113 and active	USPAT; JPO; DERWENT	OR	ON	2005/09/13 08:08
S11 5	0	S113 and pasive	USPAT; JPO; DERWENT	OR	ON	2005/09/13 08:08
S11 6	1	S113 and passive	USPAT; JPO; DERWENT	OR	ON	2005/09/13 08:08
S11 7	6	("4207444" "4317013" "5016481" "5844287" "6049327" "6497430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 11:29


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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ 1. **A high density capacitive pressure sensor array for fingerprint sensor ap**
 Rey, P.; Charvet, P.; Delaye, M.T.; Abou Hassan, S.;
 Solid State Sensors and Actuators, 1997. TRANSDUCERS '97 Chicago., 1997
 Conference on
 Volume 2, 16-19 June 1997 Page(s):1453 - 1456 vol.2
 Digital Object Identifier 10.1109/SENSOR.1997.635738
[AbstractPlus](#) | Full Text: [PDF](#)(568 KB) IEEE CNF
- ☐ 2. **CMOS fingerprint sensor with automatic local contrast adjustment and pi encoding logic**
 Jung, S.; Thewes, R.; Scheiter, T.; Goser, K.; Weber, W.;
 VLSI Circuits, 1999. Digest of Technical Papers. 1999 Symposium on
 17-19 June 1999 Page(s):161 - 164
 Digital Object Identifier 10.1109/VLSIC.1999.797270
[AbstractPlus](#) | Full Text: [PDF](#)(900 KB) IEEE CNF
- ☐ 3. **A fingerprint sensor based on the feedback capacitive sensing scheme**
 Tartagni, M.; Guerrieri, R.;
 Solid-State Circuits, IEEE Journal of
 Volume 33, Issue 1, Jan. 1998 Page(s):133 - 142
 Digital Object Identifier 10.1109/4.654945
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- ☐ 4. **A capacitive fingerprint sensor with low-temperature poly-Si TFTs**
 Hashido, R.; Suzuki, A.; Iwata, A.; Ogawa, T.; Okamoto, T.; Satoh, Y.; Inoue, M.
 Solid-State Circuits Conference, 2001. Digest of Technical Papers. ISSCC. 2001
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 5-7 Feb. 2001 Page(s):250 - 251, 452
 Digital Object Identifier 10.1109/ISSCC.2001.912625
[AbstractPlus](#) | Full Text: [PDF](#)(192 KB) IEEE CNF
- ☐ 5. **A simple fingerprint sensor based on ridge conductivity**
 Olavarrieta Fritsche, G.; Nakano Miyatake, M.;
 Design of Mixed-Mode Integrated Circuits and Applications, 1999. Third Intern
 on
 26-28 July 1999 Page(s):207 - 209
 Digital Object Identifier 10.1109/MMICA.1999.833636
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6. **A low-power and high-performance CMOS fingerprint sensing and encoding**
Jung, S.; Thewes, R.; Scheiter, T.; Goser, K.; Weber, W.;
Solid-State Circuits Conference, 1998. ESSCIRC '98. Proceedings of the 24th
22-24 Sept. 1998 Page(s):324 - 327

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